



50425-137 seq list.ST25  
SEQUENCE LISTING

<110> North Shore - Long Island Jewish Research Institute  
Tabibzadeh, Siamak

<120> METHOD FOR DIAGNOSING A PRE-NEOPLASTIC OR NEOPLASTIC LESION IN TRANSITIONAL  
EPITHELIAL CELLS

<130> 50425/137

<140> 10/014,320

<141> 2001-12-11

<150> 60/255,641

<151> 2000-12-14

<160> 6

<170> PatentIn version 3.1

<210> 1

<211> 1161

<212> DNA

<213> Homo sapiens

<400> 1

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gagcagctcc tgggcagcct gctgcggcag ctgcagctca gcgagggtgcc cgtactggac	180
agggccgaca tggagaagct ggtcatcccc gccacgtga gggcccagta tgtagtcctg	240
ctgcggcgca gccacgggga ccgctcccg gcgaaagaggt tcagccagag cttccgagag	300
gtggccggca ggttcctggc gtcggaggcc agcacacacc tgctggtgtt cggcatggag	360
cagcggctgc cgcccaacag cgagctggtg caggccgtgc tgcggctctt ccaggagccg	420

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gtccccaagg ccgcgctgca caggcacggg cggctgtccc cgcgacgcgc ccaggcccgg 480  
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 aacttctggc agcagctgag ccggccccgg cagccgctgc tgctacaggt gtcggtgcag 660  
 agggagcatc tgggcccgtt ggcgtccggc gcccacaagc tgggtccgctt tgcctcgag 720  
 ggggcgccag ccgggcttgg ggagccccag ctggagctgc acaccctgga cctcaggga 780  
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 cgccaggaga tgtacattga cctgcagggg atgaagtggg ccaagaactg ggtgctggag 900  
 cccccgggtt tcctggctta cgagtgtgtg ggcacctgcc agcagcccc ggaggccctg 960  
 gccttcaatt ggccatttct ggggccgcga cagtgtatcg cctcggagac tgcctcgctg 1020  
 cccatgatcg tcagcatcaa ggaggaggc aggaccaggc cccagggtggc cagcctgccc 1080  
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<212> PRT

<213> Homo sapiens

<400> 2

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Gly Pro Gly Ala Ala Leu Thr Glu Glu Gln Leu Leu Gly Ser Leu Leu  
 20 25 30

Arg Gln Leu Gln Leu Ser Glu Val Pro Val Leu Asp Arg Ala Asp Met  
 35 40 45

Glu Lys Leu Val Ile Pro Ala His Val Arg Ala Gln Tyr Val Val Leu  
 50 55 60

Leu Arg Arg Ser His Gly Asp Arg Ser Arg Gly Lys Arg Phe Ser Gln  
 65 70 75 80

Ser Phe Arg Glu Val Ala Gly Arg Phe Leu Ala Ser Glu Ala Ser Thr  
 85 90 95

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His Leu Leu Val Phe Gly Met Glu Gln Arg Leu Pro Pro Asn Ser Glu  
 100 105 110  
 Leu Val Gln Ala Val Leu Arg Leu Phe Gln Glu Pro Val Pro Lys Ala  
 115 120 125  
 Ala Leu His Arg His Gly Arg Leu Ser Pro Arg Ser Ala Gln Ala Arg  
 130 135 140  
 Val Thr Val Glu Trp Leu Arg Val Arg Asp Asp Gly Ser Asn Arg Thr  
 145 150 155 160  
 Ser Leu Ile Asp Ser Arg Leu Val Ser Val His Glu Ser Gly Trp Lys  
 165 170 175  
 Ala Phe Asp Val Thr Glu Ala Val Asn Phe Trp Gln Gln Leu Ser Arg  
 180 185 190  
 Pro Arg Gln Pro Leu Leu Leu Gln Val Ser Val Gln Arg Glu His Leu  
 195 200 205  
 Gly Pro Leu Ala Ser Gly Ala His Lys Leu Val Arg Phe Ala Ser Gln  
 210 215 220  
 Gly Ala Pro Ala Gly Leu Gly Glu Pro Gln Leu Glu Leu His Thr Leu  
 225 230 235 240  
 Asp Leu Arg Asp Tyr Gly Ala Gln Gly Asp Cys Asp Pro Glu Ala Pro  
 245 250 255  
 Met Thr Glu Gly Thr Arg Cys Cys Arg Gln Glu Met Tyr Ile Asp Leu  
 260 265 270  
 Gln Gly Met Lys Trp Ala Lys Asn Trp Val Leu Glu Pro Pro Gly Phe  
 275 280 285  
 Leu Ala Tyr Glu Cys Val Gly Thr Cys Gln Gln Pro Pro Glu Ala Leu  
 290 295 300  
 Ala Phe Asn Trp Pro Phe Leu Gly Pro Arg Gln Cys Ile Ala Ser Glu  
 305 310 315 320  
 Thr Ala Ser Leu Pro Met Ile Val Ser Ile Lys Glu Gly Gly Arg Thr  
 325 330 335  
 Arg Pro Gln Val Val Ser Leu Pro Asn Met Arg Val Gln Lys Cys Ser  
 340 345 350

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<212> DNA

<213> Artificial Sequence

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<223> forward primer

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<210> 4

<211> 40

<212> DNA

<213> Artificial Sequence

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<212> DNA

<213> Artificial Sequence

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<223> forward primer

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<210> 6

<211> 44

50425-137 seq list.ST25

<212> DNA

<213> Artificial sequence

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<223> reverse primer

<400> 6

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